Bruhat Bangalore Mahanagara Palike
Excecutive Engineer Yelahanka Zone Project Division

Name of Work :- Additional and alteration of existing BBMP building and construction to toilets in hegdenagara in Ward No.06

					Estimate Cost Rs.			5.00 Lakhs	
Sl No	Description of Items	No	Length	Width	Depth	Quantity	Unit	Rate	Amount
1	Earthwork in execavation for foundation of structure like culverts, retaining wall etc., as per drawing and technical specification, including setting out, construction of shoring and bracing, dressing of sides and bottom, back filling with approved material, disposal of balance earth as per specification, including cost of labour, HOM etc., complete. In all kinds of soil by manual means. (P.No.256, I.No.34.15.1 of PW,P&IWTD S.R 2018-19)								
	Basic rate	180.00							
	Area weightage 6%	10.80							
	Sub total	190.80							
	Lead 10 km	**82.60**							
	Total	**273.40**							
	Desilting	1	76.00	0.80	0.60	36.48			
		1	20.00	0.60	0.60	7.20			
						43.68	**Cum**	**273.40**	**11,942.11**
2	KSRB 4-1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with 40mm nominal size mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days complete as per specifications, MORTH specifications No. 408, (P.No.13, I.No.4-1.2 of PW,P&IWTD S.R 2018-19)								
	Basic rate	5194.00							
	Area weightage 6%	311.64							
	Total	**5505.64**							
	Flagging Course								
		1	76.00	0.25	0.15	2.85			
						2.85	**Cum**	**5505.64**	**15,691.07**
3	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 I.No.5.26.1, Page no 27								
	Basic rate	962.00							
	Area weightage 6%	57.72							
	Total	**1019.72**							
	Brick work								
		2	8.00	0.40		6.40			
		24	0.60	0.60		8.64			
		2	8.00	0.60		9.60			
		1	11.65	1.00		11.65			
						36.29	**Sqm**	**1019.72**	**37,005.64**
4	KSRB15-3.3 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.I.No.15.9, Page no 115								

	Basic rate	211.00							
	Area weightage 6%	12.66							
	Total	**223.66**							
	Brick work								
		2	8.00	0.40		6.40			
		24	0.60	0.60		8.64			
		1	12.00	1.00		12.00			
						27.04	**Sqm**	**223.66**	**6,047.77**
5	KSRB 15.1.3 – do – Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications.I.No.15.9, Page no 115								
	Basic rate	142.00							
	Area weightage 6%	8.52							
	Total	**150.52**							
	Brick work								
		2	8.00	0.40		6.40			
		24	0.60	0.60		8.64			
	Samudhaya bhavana front	1	11.65	1.00		11.65			
						26.69	**Sqm**	**150.52**	**4,017.38**
6	KSRB 14-17.2 : Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 - Colour glazed tiles 30x30 cms 6mm thick.I.No.14.41.2, Page no 108								
	Basic rate	1632.00							
	Area weightage 6%	97.92							
	Total	**1729.92**							
	Brick work	1	4.10	4.20		17.22			
						17.22	**Sqm**	**1729.92**	**29,789.22**
7	KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. - for Ceramic Tiles of size 30x30cms 6mm thick. (P.No.107, I.No. 14.36.2 of PWD SR 2018-19)								
	Basic rate	1210.00							
	Area weightage 6%	72.60							
	Total	**1282.60**							
	Samudhaya bhavana front	1	12.00	1.00		12.00			
	Samudhaya bhavana back	1	5.00	2.50		12.50			
						24.50	**Sqm**	**1282.60**	**31,423.70**
8	KSRB 14.10-1: Flooring with 25mm to 40mm thick polished tandur blue stone slabs using cement mortar 1:6, 25mm thick over existing cement concrete bed or top of roof laid to line and level and jointed with cement slurry mixed with pigment to match the shade of the slab, , including cost of materials, labour, curing, polishing complete as per specifications. (P.No.105, I.No. 14.15 of PWD SR 2018-19)								
	Basic rate	1254.00							
	Area weightage 6%	75.24							
	Total	**1329.24**							
		1	6.00	0.70		4.20			

							4.20	Sqm	1329.24	5,582.81
9	Providing and fixing skirting of 300mm high using prepolished water cut/gang saw of 19mm thick grey granite 0.5mm wide chamfered width and depth and fixing in CM 1:4 of 20mm thick after chipping the walls etc., complete as per specification.(P.No.110, I.No. 14.50 of PWD SR 2018-19)									
	Basic rate	759.00								
	Area weightage 6%	45.54								
	Total	**804.54**								
		1	14.50				14.50			
							14.50	**m**	**804.54**	**11,665.83**
10	KSRB 14.4 : Providing and laying flooring and steps fine dressed granite stone slabs 40 mm thick on cement mortar bed 1:6, 25 mm thick, and pointed with cement mortar 1:3 over existing cement concrete bed , including cost of materials, labour, curing complete as per specifications. (P.No.103, I.No. 14.16 of PWD SR 2018-19)									
	Basic rate	3241.00								
	Area weightage 6%	194.46								
	Total	**3435.46**								
		1	14.50				14.50			
							14.50	**m**	**3435.46**	**49,814.17**
11	Providing half nosing for 20mm thick granite slab using required machinery including cost and conveyance of all materials, labour for all items of work, HOM of equipment etc., complete as per specification. (P.No.105, I.No. 14.16 of PWD SR 2018-19)									
	Basic rate	180.00								
	Area weightage 6%	10.80								
	Total	**190.80**								
		1	14.50				14.50			
							14.50	**m**	**190.80**	**2,766.60**
12	Providing and fixing RCC Precast cover slab of 100mm thick for drain in cement concrete M20 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)									
	Data rate	2337.00								
		1	76.00	0.90			68.40			
							68.40	**Sqm**	**2337.00**	**159850.80**
13	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. As per the direction of Engineer incharge. Item No 5.30, Page No.27									
	Basic rate	408.00								
	Area weightage 6%	24.48								
	Total	**432.48**								
		1	76.00				76.00			
							169.00	**Nos**	**432.48**	**73,089.12**

14	KSRB 15-19.1 : Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. I.No.15.80, Page No.124								
	Basic rate	37.00							
	Area weightage 6%	2.22							
	Total	**39.22**							
		1	76.00	0.45		34.20			
						34.20	**Sqm**	**39.22**	**1,341.32**
15	KSRB 15-19.2 : Providing and applying spray painting in one coat (excluding priming coat) over concrete / masonry / asbestos cement sheet /plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, complete as per specifications. Item No 15.82, Page No.124								
	Basic rate	55.00							
	Area weightage 6%	3.30							
	Total	**58.30**							
		1	76.00	0.45		34.20			
						34.20	**Sqm**	**58.30**	**1,993.86**
								Total Construction Cost	**442021.40**
								1% PMC Charges	**4,420.21**
								12% GST	**53,042.57**
								Sub Total	**499484.19**
								Miscellaneous & Rounding off	**515.81**
								GRAND TOTAL	**500000.00**

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2018-2019.and Data Rates

Assistant Engineer,
BBMP Bangalore

Asst. Exec. Engineer,
BBMP Bangalore

Executive Engineer,
BBMP Bangalore
15/7/19

Administrative Approval

Accorded For Rs. 5.00 Lakhs only
Head of A/C....P-3294.....
CER NO :.....06..... **Dt:**15/7/19

E.E. (Project) 15/7

Technical Sanction

Accorded For Rs. 5.00 Lakhs only
Head of A/C....P-3294.....
CER NO :.....05..... **Dt:**15/7/19

E.E. (Project) 15/7